

What is Claimed is:

1. An apparatus for transmitting inductive energy to a power adapter in proximity thereof, the power adapter including a microprocessor for processing data relevant to the inductive energy, the apparatus comprising:

a memory for storing computer readable instructions relevant to providing inductive energy to a power adapter;

a processor unit operatively coupled to the memory; and

a transmission element operatively coupled to the processor unit so as to provide the inductive energy to the power adapter; and

a housing for enclosing the memory and processor unit therein.

2. The apparatus in accordance with claim 1, in which the memory includes authentication data for authenticating the power adapter for the inductive energy transmission.

3. The apparatus in accordance with claim 1, further comprising a communications device for receiving and transmitting data and the communications device being operatively coupled to the transmission element.

4. The apparatus in accordance with claim 1, further comprising an antenna and a communications device configured to receive the computer readable instructions and configured to transmit the instructions to the antenna for wireless data communications to a power adapter.

5. The apparatus in accordance with claim 1, in which the processor unit is configured to receive a plurality of power parameters from the power adapter.

6. The apparatus in accordance with claim 1, in which the processor unit is configured to receive a digital security certificate from a power adapter.

7. The apparatus in accordance with claim 1, further comprising a plurality of transmission elements responsive to a power adapter.

8. An apparatus configured for receiving inductive energy, comprising:  
a memory for storing computer readable data relevant to receiving the inductive energy;  
a processor unit for processing the computer readable data and for processing data communications with a computer system;  
a coil configured for receiving inductive energy;  
a power supply operatively coupled to the processor unit and the coil; the power supply configured to output a direct current responsive to the inductive energy; and  
a housing for enclosing the memory, the processor unit, and the power supply therein.

9. The apparatus in accordance with claim 8, in which the processor unit is configured to provide authentication data for inductive energy reception.

10. The apparatus in accordance with claim 8, further comprising a communications device operatively coupled to the coil.

11. The apparatus in accordance with claim 10, in which the communications device is configured to receive the computer readable data and transmit the data to the coil.

12. The apparatus in accordance with claim 8, in which the processor unit is configured to provide a plurality of power parameters to a power source which provides the inductive energy.

13. The apparatus in accordance with claim 8, in which the processor unit is configured to provide a digital security certificate to a power source.

14. The apparatus in accordance with claim 8, in which the processor unit is configured to send data to the computer system so as to indicate it is receiving inductive energy.

15. The apparatus in accordance with claim 9, further comprising an antenna and a communications device configured to receive the computer readable data and configured to transmit the data to the antenna for wireless data communications to a power source.

16. A computer implemented method of providing inductive energy to a power adapter, comprising the step of:

wirelessly receiving a polling message from a source;  
transmitting a request for power to the source; and  
receiving inductive power from the source.

17. The method in accordance with claim 16, in which the step of transmitting includes a step of transmitting power parameters to the source.

18. The method in accordance with claim 16, in which the step of transmitting includes a step of transmitting authenticating data to the source.

19. The method in accordance with claim 16, further including a step of converting the inductive power to a direct current responsive to the step of receiving.

20. The method in accordance with claim 16, further including a step of transmitting data to a computer system for indicating the step of receiving inductive power.

21. The method in accordance with claim 16, further including a step of displaying an object on a graphical user interface indicative of the step of receiving.

22. A computer readable medium having computer executable instructions thereon for performing steps comprising:  
 receiving a polling message from a source;  
 transmitting a request for power to the source; and  
 receiving inductive power from the source.

23. The computer readable medium in accordance with claim 22, in which the step of transmitting includes a step of transmitting power parameters to the source.

24. The computer readable medium in accordance with claim 22, in which the step of transmitting includes a step of transmitting authenticating data to the source.

25. The computer readable medium in accordance with claim 22, in which the step of transmitting includes a step of transmitting authenticating data to the source.

26. A computer system, comprising:  
 a processor;  
 a display coupled to the processor; and  
 a memory coupled to the processor, the memory configured to store computer executable instructions, wherein said instructions cause the computer system to perform the following steps:  
 receiving an event relevant to inductively powering a power adapter; and  
 responsive to said receiving, adjusting a portion of a display to indicate said event.

27. The computer system in accordance with claim 26, in which the step of adjusting include a step of displaying a graphical object on the display.